

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>E31119 DLA/JOB</b>	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/NO 2003/000260</b>	International filing date ( <i>day/month/year</i> ) <b>29 July 2003</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>29 July 2002</b>
Applicant <b>Ami Go AS et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☒ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/NO03/00260**

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

**See extra sheet 1**

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
**1-6, 7-10, 12 and 15-25**

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

- I. Claims 1-6, 7-10, 12 and 15-25 (all in part)  
Method for recovering peptides/amino acids and use of method for producing peptide/aminoacid-containing products.
- II. Claims 1-6, 7-10, 14, 15 and 26 (all in part)  
Method for recovering first oil/fat product and use of method for producing first oil/fat-containing products
- III. Claims 1-6 and 7-10 (all in part)  
Method for recovering second oil/fat product and use of method for producing second oil/fat-containing products
- IV. Claims 1-6 and 7-10 (all in part)  
Method for recovering third oil/fat product and use of method for producing third oil/fat-containing products
- V. Claims 1-6, 11 and 13 (all in part)  
Method for recovering hydroxy apatite and use of method for producing hydroxy apatite-products
- VI. Claims 27-30, 32-37, 39 (all in part)  
Method for recovering peptide/aminacids comprising membrane filtration step and use of the method for producing peptide/aminoacid-containing products.
- VII. Claims 27-30, 34-37 (all in part)  
Method for recovering first oil/fat product comprising membrane filtration step and use of method for producing oil/fat-containing products.
- VIII. Claims 27-31, 34—37, 40 (all in part)  
Method for recovering second oil/fat product comprising membrane filtration step and use of method for producing second oil/fat-containing products.
- IX. Claims 27-30, 34-38 and 41 (all in part)  
Method for recovering hydroxy apatite, comprising membrane filtration, and use apatite-containing products.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000260

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A23J 3/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A23J, A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5053234 A (PAUL S. ANDERSON ET AL), 1 October 1991 (01.10.1991), column 4, line 29 - line 64 --	1-6,7-10,12, 15-25
A	US 5356637 A (PIERRE C. LOOSEN ET AL), 18 October 1994 (18.10.1994) --	1-6,7-10,12, 15-25
A,P	WO 02065848 A1 (MARS, INCORPORATED), 29 August 2002 (29.08.2002), abstract --	1-6,7-10,12, 15-25
A	FR 2168259 A (ASSOCIATION POUR L'ETUDE DES PROBLEMES DE LA NUTRITION), 31 August 1973 (31.08.1973) --	1-6,7-10,12, 15-25

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

22 January 2004

Date of mailing of the international search report

28-01-2004

Name and mailing address of the ISA/

Swedish Patent Office

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

24/12/2003

PCT/NO 2003/000260

US	5053234	A	01/10/1991	AT	126019	T	15/08/1995
				AU	644322	B	02/12/1993
				AU	671516	B	29/08/1996
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				AU	5751794	A	02/06/1994
				AU	7408896	A	13/03/1997
				AU	8211291	A	31/12/1991
				CA	2084892	A	09/12/1991
				DE	69112060	D	00/00/0000
				EP	0535135	A,B	07/04/1993
				JP	3020274	B	15/03/2000
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				US	5162129	A	10/11/1992
				WO	9118520	A	12/12/1991
				CA	1314256	A,C	09/03/1993
				US	5113755	A	19/05/1992
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US	5356637	A	18/10/1994	AT	123925	T	15/07/1995
				BE	1003298	A	18/02/1992
				DE	69110663	D	00/00/0000
				EP	0511970	A,B	11/11/1992
				JP	5505304	T	12/08/1993
				WO	9110369	A	25/07/1991
				BE	1004418	A	17/11/1992
				EP	0493851	A	08/07/1992
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WO	02065848	A1	29/08/2002	AU	8420301	A	13/03/2002
				CA	2420845	A	07/03/2002
				EP	1320631	A	25/06/2003
				EP	1359814	A	12/11/2003
				GB	0103879	D	00/00/0000
				GB	2373707	A	02/10/2002
				NO	20030917	A	16/04/2003
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FR	2168259	A	31/08/1973	NONE			
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